

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\  
 Data File : BF101103.D  
 Acq On : 4 Dec 2017 17:35  
 Operator : SJ/JU  
 Sample : I6697-01 2X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-01A

Manual Integrations  
 APPROVED

Sohil  
 12/5/2017 3:24:33 PM

Quant Time: Dec 05 00:42:58 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 04 13:07:49 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.85  | 152  | 46454    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.13  | 136  | 172714   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.89  | 164  | 72173    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.37 | 188  | 114197   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12            | 14.02 | 240  | 117908   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 15.50 | 264  | 104420   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.46  | 112  | 141221   | 50.23 | ng    | 0.00     |
| 7) Phenol-d6                | 6.48  | 99   | 164799   | 48.28 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.41  | 82   | 97755    | 33.76 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.67 | 330  | 33225    | 38.32 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.20  | 172  | 185258   | 35.12 | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.96 | 244  | 139005   | 25.79 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 31) Naphthalene             | 8.15  | 128  | 25415    | 2.99  | ng    | 97       |
| 49) Dimethylphthalate       | 9.60  | 163  | 17509    | 3.01  | ng    | 99       |
| 51) Acenaphthene            | 9.92  | 154  | 14899    | 3.22  | ng    | 98       |
| 54) Dibenzofuran            | 10.09 | 168  | 18408    | 2.76  | ng    | 97       |
| 57) Fluorene                | 10.43 | 166  | 18581    | 3.43  | ng    | 99       |
| 70) Phenanthrene            | 11.40 | 178  | 162923   | 25.91 | ng    | 99       |
| 71) Anthracene              | 11.45 | 178  | 43811    | 6.88  | ng    | 98       |
| 72) Carbazole               | 11.60 | 167  | 15236    | 2.62  | ng    | 97       |
| 74) Fluoranthene            | 12.59 | 202  | 155592   | 22.32 | ng    | 93       |
| 77) Pyrene                  | 12.82 | 202  | 137627   | 16.92 | ng    | 99       |
| 80) Benzo(a)anthracene      | 14.01 | 228  | 81752    | 10.98 | ng    | 99       |
| 82) Chrysene                | 14.05 | 228  | 69228    | 10.01 | ng    | 95       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.98 | 276  | 20506    | 3.34  | ng    | 92       |
| 87) Benzo(b)fluoranthene    | 15.06 | 252  | 71624m   | 11.45 | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.08 | 252  | 25760m   | 4.18  | ng    |          |
| 89) Benzo(a)pyrene          | 15.43 | 252  | 49149    | 8.64  | ng    | 98       |
| 91) Benzo(a,h,i)perylene    | 17.43 | 276  | 19518    | 4.13  | ng    | 92       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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